

TITLE

METHOD FOR CULTIVATION OF FILAMENTOUS FUNGI

ABSTRACT OF THE DISCLOSURE

5 The invention discloses a method for cultivation of
filamentous fungi using a suspended nutritionally solid
substrate, the method including the steps of: (a) preparing a
medium comprising a nutritionally solid substrate; and (b)
inoculating an inoculum into the medium comprising the
10 nutritionally solid substrate in a bioreactor to carry out
fermentation. The present invention combines the properties of
solid-state culture and submerged culture. In addition, the
present invention may employ an air-lift bioreactor with a net
draft tube and the fed-batch process to elevate the yields of
15 filamentous fungi and metabolites thereof.